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Date: July 8, 2004

Alice Sutanandi
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PATENT
194066-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YOSEF AKHTMAN

Serial No.: 10/822,887

Filed: April 13, 2004

Title: METHOD AND APPARATUS OF
PEAK-TO-AVERAGE POWER RATIO
REDUCTION

Art Unit: 2631

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Sir:

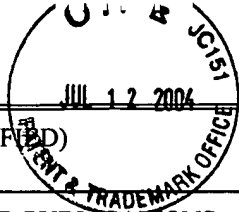
In accordance with 37 C.F.R. § 1.56, Applicant submits herewith the attached Information Disclosure Statement Form PTO-1449 in connection with the above-identified patent application along with a copy of each reference (30). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Respectfully submitted,

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Date: July 8, 2004

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FORM PTO-1449 (MODIFIED)	ATTY. DOCKET NO. 194066-3	SERIAL NO. 10/822,887
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT: YOSEF AKHTMAN	
	FILING DATE: April 13, 2004	GROUP: 2631

Reference Designation U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
	AA 6,175,551	01/16/01	Awater et al.		
	AB 6,504,862	01/07/03	Yang		
	AC 6,512,797	01/28/03	Tellado et al.		
	AD 6,424,681	07/23/02	Tellado et al.		
	AE 6,314,146	11/06/01	Tellado et al.		
	AF 5,835,536	11/10/98	May et al.		
	AG 6,529,925	03/04/03	Schenk		
	AH 0197970	12/26/02	Jian et al.		
	AI 0191705	12/19/02	Melsa et al.		
	AJ 6,445,747	09/03/02	Jafarkhani et al.		
	AK 0176480	11/28/02	Wheatley, III et al.		
	AL 6,240,141	05/29/01	Long		
	AM 6,130,918	10/10/00	Humphrey et al.		
	AN 6,128,350	10/03/00	Shastri et al.		
	AO 6,125,103	09/26/00	Bauml et al.		
	AP 5,991,262	11/23/99	Laird et al.		
	AQ 5,638,403	06/10/97	Birchler et al.		

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
AR 1058400	12/06/00	Europe		

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AS "Hardware Nonlinearities In Digital TV Broadcasting Using OFDM Modulation" by Ahmad Chini, Yiyen Wu, Mohammed El-Tanany and Samy Mahmoud	IEEE Transactions on Broadcasting; Vol. 44, pp. 12-21, March 1998
AT "Impact Of Amplifier Nonlinearities On OFDM Transmission System Performance" by E. Costa, M. Midrio and S. Pupolin	IEEE Communications Letters; Vol. 3; pp. 37-39; February 1999
AU "Peak-to-Mean Power Control In OFDM, Golay Complementary Sequences, And Reed-Muller Codes" by J. Davis and J. Jedwab	IEEE Transactions on Information Theory; Vol. 45; pp. 2397-2417; November 1999

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DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AV "M-Sequences For OFDM Peak-to-Average Power Ratio Reduction And Error Correction" by X. Li and J. A. Ritcey	Electronics Letters; Vol. 33; pp. 554-555; March 1997
AW "Reduction of Peak Factor in Orthogonal Multicarrier Modulation by Amplitude Limiting and Coding" by D. Wulich and L. Goldfedl	IEEE Transactions on Communications; Vol. 47; No. 1; pp. 18-21, 1999
AX "Reducing the Peak-to-Average Power Ratio of OFDM" by R. van Nee and A. de Wild	IEEE VTC'98 Spring, (Ottawa, Canada); pp. 2072-2076; May 1998
AY "OFDM with Reduced Peak-to-Mean Power Ratio by Optimum Combination of Partial Transmit Sequences" by S.H. Muller and J.B. Huber	Electronics Letters; Vol. 33; pp. 368-369; February 1997
AZ "Efficient Algorithm for Reducing PAR in Multicarrier Systems" by J. Tellado and J. Cioffi	ISIT 1998, (Cambridge, MA, USA); August 1998
BA 47 CFR Ch.1 (10-1-99 Edition)	Federal Communications Commission; FCC Regulations; CFR Title 47, §§ 21.908
BB "Nonrecursive Digital Filter Design Using 1-sinh Window Function" by J. Kaiser	In Proceedings IEEE Symposium on Circuits and Systems; pp. 20-23; April 1974
BC "ETSI, Digital Video Broadcasting (DVB); Framing Structuer, Channel Coding and Modulation for Digital Terrestrial Television;	ETSI; August 1997; ETS 300 744; pp. 1-49
BD "Effects of Clipping and Filtering on the Performance of OFDM" by X. Li and L. J. Cimini, Jr.	IEEE VTC'97, (Phoenix, AZ, USA); pp. 1634-1638; IEEE, 4-7; May 1997

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